

METHOD, SYSTEM, AND STORAGE MEDIUM FOR RESOLVING CONTENTION ISSUES DURING CHANNEL PROGRAM EXECUTION

ABSTRACT OF THE DISCLOSURE

An exemplary embodiment of the invention relates to a method, system, and storage medium for resolving contention issues by a channel in a fibre optic switch environment that occur during channel program execution. The method comprises a channel receiving a status packet indicating a device is no longer busy. The method also includes specifying whether the channel intends to re-initiate a channel program that previously resulted in the device busy status. If the channel does not intend to re-initiate the channel program, a first combination of bits in a re-initiate field of a status-acceptance packet are set which indicate that the channel will take no further action. If the channel intends to re-initiate the channel program, a second combination of bits in the re-initiate field of the status-acceptance packet are set, indicating that the channel will re-initiate the channel program. The method further includes transmitting the status-acceptance packet to a control unit. The invention also includes a system and a storage medium.